PHYSICS AND CHEMISTRY

Work in physics and chemistry introduces the student to the aims and methods of scientific thought and research. In discussing the technical applications of science, its economic, social and philosophical implications are pointed out. The extensive factual material indispensible to scientific understanding is presented, therefore, as a means and not as an end in itself.

Today as the borderline between physics and chemistry is disappearing, the student is brought to recognize the unity of both sciences in their basic structure.

The introductory courses, in addition to their general educational value, help students to decide whether they wish to specialize in any one branch of science.

The advanced courses, with their more technical character, offer full preparation for graduate or professional work.

Special courses embracing the latest developments in acoustics and optics are given for students in music and art, to acquaint them with basic scientific thought and method as applicable in their own fields.

Matter and Energy. An introductory course in general physics, chemistry and physical chemistry (3 quarters)

Experiments. In physics, chemistry and physical chemistry: a laboratory course (3 quarters)

Acoustics for Musicians (3 quarters)

Light and Color. Introductory optics for artists (2 quarters)

Tutorials in general chemistry, physical chemistry and organic chemistry, for students planning to graduate in science.

BIOLOGY

See Annual Announcements